

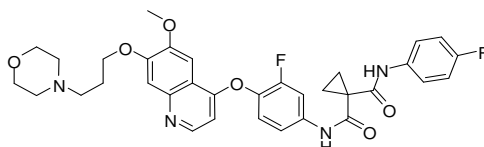


Certificate of Analysis

Axon Catalogue ID: 1582 **Batch Number:** 1
Product Name: Foretinib
Alternative Name(s): XL 880
IUPAC Name: Cyclopropane-1,1-dicarboxylic acid {3-fluoro-4-[6-methoxy-7-(3-morpholin-4-yl-propoxy)-quinolin-4-yloxy]-}

Structure:

Amount:



CAS number(s): 849217-64-7
Molecular Formula: C₃₄H₃₄F₂N₄O₆ **Molecular Weight:** 632.65
Batch Molecular Formula: C₃₄H₃₄F₂N₄O₆ **Batch Molecular Weight:** 632.65
Appearance: Off-white solid **Observed mp:** 91 - 93 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.55, H 5.42, N 8.86; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Dissolves in acidic media.
	DMSO		>100	
	EtOH			Not Tested

Remarks:

QC Date: 11-10-2010

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only